

## INFORMATION DISCLOSURE CITATION

Attorney Docket No.: GC826-2-US	Serial No.: 10/581,142
First Named Inventor: Day et al.	Examiner: Christina Bradley
Filing Date: September 10, 2007	Art Unit: 1654
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## US PATENT DOCUMENTS

Examiner's Initial	Document Number	Publication Date	Name of Applicant or Patentee	Class	Sub-Class	Filing Date
A1	3,755,560	08/28/1973	Dickert et al.			
A2	3,929,678	12/30/1975	Laughlin et al.			
A3	4,152,416	05/01/1979	Spitzer et al.			
A4	4,421,769	12/20/1983	Dixon et al.			
A5	4,683,195	07/28/1987	Mullis et al.			
A6	4,683,202	07/28/1987	Mullis			
A7	4,937,370	06/26/1990	Sabatelli			
A8	4,965,188	10/23/1990	Mullis et al.			
A9	4,999,186	13/12/1991	Sabatelli et al.			
A10	5,011,681	04/30/1991	Ciotti et al.			
A11	5,073,371	12/17/1991	Turner et al.			
A12	5,073,372	12/17/1991	Turner et al.			
A13	5,087,372	02/11/1992	Toyomoto et al.			
A14	5,322,770	06/21/1994	Gelfand			
A15	5,436,228	07/25/1995	Postlethwaite et al.			
A16	5,827,508	10/27/1998	Tanner et al.			
A17	5,935,556	08/10/1999	Tanner et al.			
A18	5,968,485	10/19/1999	Robinson			
A19	5,972,316	10/26/1999	Robinson			

## FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document Number	Publication Date	Name of Applicant or Patentee	Class	Sub-Class	Translation Yes/No
B1	WO 96/03964 A1	02/15/1996	The Procter & Gamble Company			
B2	WO 96/16636 A1	06/06/1996	The Procter & Gamble Company			
B3	WO 98/22085 A1	05/28/1998	The Procter & Gamble Company			
B4	WO 00/06110 A1	02/10/2000	The Procter & Gamble Company			
B5	WO 00/24372 A1	05/04/2000	The Procter & Gamble Company			

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## OTHER DOCUMENTS

Examiner's Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
C1	ALTSCHUL, S.F. et al. "Basic local alignment search tool." <i>J. Mol. Biol.</i> , 215(3): 403-410, 1990.
C2	BARNETT, G. "Emollient Creams and Lotions." In <i>Cosmetics: Science and Technology</i> , pp. 32-43. New York: Wiley-Interscience, 1972.
C3	BEAUCAGE, S.L. et al. "Deoxynucleoside phosphoramidites—A new class of key intermediates for deoxypolynucleotide synthesis." <i>Tetrahedron Lett.</i> , 22(20): 1859-1862, 1981.
C4	BODE, W. et al. "Natural protein proteinase inhibitors and their interaction with proteinases." <i>Eur. J. Biochem.</i> , 204(2): 433-451, 1992.
C5	CHEN, P. et al. "Reactive sites of an anticarcinogenic Bowman-Birk proteinase inhibitor are similar to other trypsin inhibitors." <i>J. Biol. Chem.</i> , 267(3): 1990-1994, 1992.
C6	CHOU, I.-N. et al. "Non-Selective Inhibition of Transformed Cell Growth by a Protease Inhibitor." <i>Proc. Natl. Acad. Sci. USA</i> , 71(5): 1748-1752, 1974.
C7	Cosmetic, Toiletry, and Fragrance Association. "Titanium Dioxide." In <i>International Cosmetic Ingredient Dictionary</i> , pp. 1026-8. Washington, D.C.: Cosmetic, Toiletry, and Fragrance Association, 1995.
C8	Cosmetic, Toiletry, and Fragrance Association. "Zinc Oxide." In <i>International Cosmetic Ingredient Dictionary</i> , pp. 1103. Washington, D.C.: Cosmetic, Toiletry, and Fragrance Association, 1995.
C9	DAOPIN, S. et al. "Crystal structure of transforming growth factor-β2: an unusual fold for the superfamily." <i>Science</i> , 257(5068): 369-373, 1992.
C10	DAOPIN, S. et al. "Crystal structure of TGF- β2 refined at 1.8 Angstrom resolution." <i>Proteins: Structure, Function, and Genetics</i> , 17(2): 176-192, 1993.
C11	DEVEREAUX, P. et al. "A comprehensive set of sequence analysis programs for the VAX." <i>Nucl. Acids Res.</i> , 12: 387-395, 1984.
C12	FOITZIK, K. et al. "Control of murine hair follicle regression (catagen) by TGF-β1 in vivo." <i>FASEB J.</i> , 14(5): 752-760, 2000.
C13	FOITZIK, K. et al. "The TGF-β2 Isoform Is Both a Required and Sufficient Inducer of Murine Hair Follicle Morphogenesis." <i>Developmental Biology</i> , 212(2): 278-289, 1999.
C14	HENIKOFF, S. et al. "Amino Acid Substitution Matrices from Protein Blocks." <i>Proc. Natl. Acad. Sci. USA</i> , 89: 10915-10919, 1992.
C15	HIGGINS, D.G. et al. "CLUSTAL: A package for performing multiple sequence alignment on a microcomputer." <i>Gene</i> , 73(1): 237-244, 1988.
C16	INUI, S. et al. "Androgen-inducible TGF-β1 from balding dermal papilla cells inhibits epithelial cell growth: a clue to understanding paradoxical effects of androgen on human hair growth." <i>FASEB J.</i> , 16(14): 1967-9, 2002.
C17	KARLIN, S. et al. "Applications and statistics for multiple high-scoring segments in molecular sequences." <i>Proc. Natl. Acad. Sci. USA</i> , 90(12): 5873-7, 1993.
C18	LASKOWSKI, M. et al. "Protein Inhibitors of Proteinases." <i>Annu. Rev. Biochem.</i> , 49(1): 593-626, 1980.
C19	LIN, G. et al. "The 0.25-nm X-ray structure of the Bowman-Birk-type inhibitor from mung bean in ternary complex with porcine trypsin." <i>Eur. J. Biochem.</i> , 212(2): 549-555, 1993.

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C20	LIU, K. "Chemistry and Nutritional Value of Soybean Components." In <i>Soybeans: Chemistry, Technology, and Utilization</i> , pp. 32-35. Gaithersburg, MD: Aspen Publishers, 1999.
C21	LIU, X. et al. "Conditional epidermal expression of TGF $\beta$ 1 blocks neonatal lethality but causes a reversible hyperplasia and alopecia." <i>Proc. Natl. Acad. Sci. USA</i> , 98(16): 9139-44, 2001.
C22	LIVINGSTONE, C.D. et al. "Protein sequence alignments: a strategy for the hierarchical analysis of residue conservation." <i>Comput. Appl. Biosci.</i> , 9(6): 745-56, 1993.
C23	MATTHES, H.W.D. et al. "Simultaneous rapid chemical synthesis of over one hundred oligonucleotides on a microscale." <i>EMBO J.</i> , 3(4): 801-805, 1984.
C24	MORINAGA, Y. et al. "Improvement Of Oligonucleotide-Directed Site-Specific Mutagenesis Using Double-Stranded Plasmid DNA." <i>Bio/Technology</i> , 2(7): 636-639, 1984.
C25	NELSON, R.M. et al. "A general method of site-specific mutagenesis using a modification of the <i>Thermus aquaticus</i> polymerase chain reaction." <i>Analytical Biochemistry</i> , 180(1): 147-151, 1989.
C26	PEARSON, W.R. et al. "Improved Tools for Biological Sequence Comparison." <i>Proc. Natl. Acad. Sci. USA</i> , 85(8): 2444-2448, 1988.
C27	PHILPOTT, M.P. et al. "Human hair growth in vitro: a model for the study of hair follicle biology." <i>J. Dermatol. Sci.</i> , 7 Suppl: S55-S72, 1994.
C28	SARKAR, G. et al. "The "megaprimer" method of site-directed mutagenesis." <i>BioTechniques</i> , 8(4): 404-7, 1990.
C29	SAYRE, R.M. et al. "Physical sunscreens." <i>J. Soc. Cosmet. Chem.</i> , 41: 103-109, 1990.
C30	SOMA, T. et al. "Profile of Transforming Growth Factor- $\beta$ Responses During the Murine Hair Cycle." <i>J. Invest. Dermatol.</i> , 121(5): 969-975, 2003.
C31	SOMA, T. et al. "Involvement of Transforming Growth Factor- $\beta$ 2 in Catagen Induction During the Human Hair Cycle." <i>J. Invest. Dermatol.</i> , 118(6): 993-997, 2002.
C32	SONG, H.K. et al. "Kunitz-type soybean trypsin inhibitor revisited: refined structure of its complex with porcine trypsin reveals an insight into the interaction between a homologous inhibitor from <i>Erythrina caffra</i> and tissue-type plasminogen activator." <i>J. Mol. Biol.</i> , 275(2): 347-363, 1998.
C33	STENN, K.S. et al. "What controls hair follicle cycling?" <i>Experimental Dermatology</i> , 8(4): 229-236, 1999.
C34	SWINDELLS, M.B. "Structural Similarity Between Transforming Growth Factor- $\beta$ 2 and Nerve Growth Factor." <i>Science</i> , 258: 1160-1162, 1992.
C35	TAYLOR, W.R. "The classification of amino acid conservation." <i>J. Theor. Biol.</i> , 119(2): 205-18, 1986.
C36	TOBIN, D.J. et al. "Plasticity and Cytokinetic Dynamics of the Hair Follicle Mesenchyme: Implications for Hair Growth Control." <i>J. Invest. Dermatol.</i> , 120(6): 895-904, 2003.
C37	TSUNOGAE, Y. et al. "Crystallization of Bowman-Birk Type Protease Inhibitor (Peanut) and Its Complex with Trypsin." <i>J. Biochem.</i> , 100(1): 243-246, 1986.
C38	VOSS, R.-H. et al. "Crystal Structure of the Bifunctional Soybean Bowman-Birk Inhibitor at 0.28-nm Resolution." <i>European Journal of Biochemistry</i> , 242(1): 122-131, 1996.
C39	WATSON, J. "Continuous proliferation of murine antigen-specific helper T lymphocytes in culture." <i>J. Exp. Med.</i> , 150(6): 1510-1519, 1979.

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C40	WERNER, M.H. et al. "Three-dimensional structure of soybean trypsin/chymotrypsin Bowman-Birk inhibitor in solution." <i>Biochemistry</i> , 31(4): 999-1010, 1992.
C41	YAVELow, J. et al. "Bowman-Birk soybean protease inhibitor as an anticarcinogen." <i>Cancer Res.</i> , 43(5 Suppl): 2454s-2459s, 1983.
C42	YAVELow, J. et al. "Nanomolar concentrations of Bowman-Birk soybean protease inhibitor suppress x-ray-induced transformation in vitro." <i>Proc. Natl. Acad. Sci. USA</i> , 82:5395-5399, 1985.

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